

Portfolio Rubric for Global Problem Solving

The criteria for this portfolio rubric were based on three aspects of Church's (2007) digital taxonomy; **Applying**, **Evaluating**, and **Creating**. The rubric is designed to assess the finished portfolio assignment as a holistic product. This means that the student's contributions should be judged as a whole rather than each being assessed with a separate rubric. This rubric may act as a guide to give students on-going feed-forward as they progress through the tasks.

Portfolio assessment for:				
Criteria	1 (NA)	2 (A)	3 (M)	4(E)
Completeness	Includes some of the artefacts, but many are missing and/or incomplete	Includes at least 12 artefacts from the list below	Includes all artefacts from list below	As for M, artefacts are likely to be well organised and clearly identified
Applying a Process <ul style="list-style-type: none"> • Terminology • Use a problem solving process • Using tools to aid process 	Show little to no understanding of basic terminology of problem-solving. Process is neglected or rushed. Does not use tools (correctly).	Uses terminology appropriately sometimes . Applies problem-solving process sometimes, but is not consistent. Uses tools correctly sometimes.	Always uses appropriate terminology. consistently applies correct steps in process. Tools are used consistently and correctly.	Terminology is accurate and often more than basic. Process is consistently applied and integrates tools and terminology. Tools used regularly to add to process
Evaluating a problem <ul style="list-style-type: none"> • Reflecting on causes, effects, and impacts. • Judges a best solution. 	Shows little insight or understanding as to how/why events occur, or the relationships between events. Does not attempt to judge/weight decisions.	Identifies relationships between events OR explains how/why they happen. Attempts to judge/weight decisions.	Identifies relationships between events AND explains how/why they happen. Judges/weights decisions based on facts/knowledge.	Shows an understanding of cause and effect, and the further consequences on other departments or stakeholders. Justifies decisions fully and considers further consequences of decisions.
Creating a solution <ul style="list-style-type: none"> • Devises solutions 	[Potential] Solutions are simple and straightforward with little justification or reasoning. Solutions may be ridiculous	[Potential] Solutions are simple and straightforward but are arrived at through a visibly reasoned approach.	[Potential] Solutions are appropriate and feasible or show insight into the real-world scenario. There may be some consideration of implementation.	[Potential] Solutions are commercially feasible and fully considered within the real-world scenario. A consideration of planning and implementation is likely given.

Complete list of artefacts (15):

R1.1 - Answer the questions on recession

R1.4 - Ishikawa Diagram + Discuss the causes of the Whitcoulls issue and how a global recession contributed to this. (200-300 words)

R2.1 - Table of impacts on NZRU

R3.2 - Identify the best option based on your analysis. **Fully explain why** your group decided on this option, and **how** this option will overcome the impacts of the global recession. You should write approximately 200-300 words and add this to your portfolio.

R4.1 - A consequence map of your chosen decision.

R4.2 - An explanation of negative consequences (200-300 words)

SM1.1 - Definition of social networking and social media.

SM1. 4 - Write 100-150 words on how businesses use social media.

SM2.2 - A consequence map of how social media affects customers, owners, business.

SM3.3 - 100-200 words on the benefits and potential issues of a business using facebook.

SM4.2 - A powerpoint convincing the stakeholders to adopt social media.

ND1.3 - A 200-300 word summary of the issues involved in reducing the effects of natural disasters.

ND2.3 - A 250-400 word reflection identifying the causes and effects that Hurricane Katrina had on small business owners.

ND3.2 - The 'Prioritize Your Factors' ClassTool submission from your group.

ND4.4 - A podcast and narrative outlining a recommended solution to a natural disaster faced by a company.